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Electronic Patent Application Submission  
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EFS ID: 56973  
Application ID: 10708450  
Title of Invention: MICROPLASMA EMISSION  
SPECTROMETER  
First Named Inventor: Chris Doughty  
Domestic/Foreign Application: Domestic Application  
Filing Date: 2004-03-04  
Effective Receipt Date: 2004-03-11  
Submission Type: Information Disclosure  
Statement  
Filing Type:  
Confirmation number: 2449  
Attorney Docket Number: VEX-001



Total Fees Authorized:


Digital Certificate Holder: cn=Kurt Rauschenbach,ou=Registered Attorneys,ou=Patent and  
Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US  
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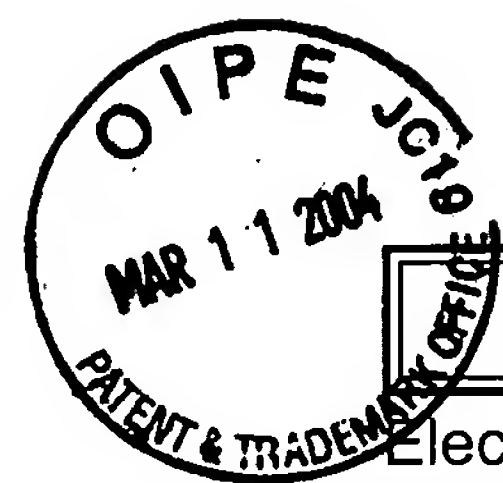


## TRANSMITTAL

Electronic Version v1.1

Stylesheet Version v1.1.0


Title of Invention	MICROPLASMA EMISSION SPECTROMETER									
Application Number: 10/708450 										
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<p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p>										
<table border="1"><thead><tr><th>Submitted by:</th><th>Elec. Sign.</th><th>Sign. Capacity</th></tr></thead><tbody><tr><td>Dr. Kurt Rauschenbach Registered Number: 40,137</td><td>kr</td><td>Attorney</td></tr></tbody></table>			Submitted by:	Elec. Sign.	Sign. Capacity	Dr. Kurt Rauschenbach Registered Number: 40,137	kr	Attorney		
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<table><tr><td>Documents being submitted</td><td>Files</td></tr><tr><td>us-ids</td><td>VEX-001IDS-usidst.xml</td></tr><tr><td></td><td>us-ids.dtd</td></tr><tr><td></td><td>us-ids.xsl</td></tr></table>			Documents being submitted	Files	us-ids	VEX-001IDS-usidst.xml		us-ids.dtd		us-ids.xsl
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	us-ids.dtd									
	us-ids.xsl									
Comments										



# ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	MICROPLASMA EMISSION SPECTROMETER																																																																																																																																														
<div>Application Number: 10/708450 </div> <div>Confirmation Number: 2449</div> <div>First Named Applicant: Chris Doughty</div> <div>Attorney Docket Number: VEX-001</div> <div>Search string: ( 6643014 or 6577390 or 6429935 or 6381014 or 6594010 or 6043881 or 5986747 or 5654796 or 5596407 or 5570179 or 5483337 or 4973159 or 4820048 or 4664477 or 4575241 or 6538734 or 5942855 or 20020093652 or 20030214651 or 20020071117 ).pn.</div> <div><h2>US Patent Documents</h2><p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p><table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td></td><td>1</td><td>6643014</td><td>2003-11-04</td><td>Chevalier, et al.</td><td>B2</td><td>356</td><td>316</td></tr><tr><td></td><td>2</td><td>6577390</td><td>2003-06-10</td><td>Efthimion</td><td>B1</td><td>356</td><td>316</td></tr><tr><td></td><td>3</td><td>6429935</td><td>2002-08-06</td><td>Duan</td><td>B1</td><td>356</td><td>316</td></tr><tr><td></td><td>4</td><td>6381014</td><td>2002-04-30</td><td>Platzer, et al.</td><td>B1</td><td>356</td><td>316</td></tr><tr><td></td><td>5</td><td>6594010</td><td>2003-07-15</td><td>Malczewski, et al.</td><td>B2</td><td>356</td><td>311</td></tr><tr><td></td><td>6</td><td>6043881</td><td>2000-03-08</td><td>Wegrzyn, et al.</td><td></td><td>356</td><td>316</td></tr><tr><td></td><td>7</td><td>5986747</td><td>1999-11-16</td><td>Moran</td><td></td><td>356</td><td>072</td></tr><tr><td></td><td>8</td><td>5654796</td><td>1997-08-05</td><td>Mundt</td><td></td><td>356</td><td>316</td></tr><tr><td></td><td>9</td><td>5596407</td><td>1997-01-21</td><td>Zander, et al.</td><td></td><td>356</td><td>328</td></tr><tr><td></td><td>10</td><td>5570179</td><td>1996-10-29</td><td>Weckstrom</td><td></td><td>356</td><td>311</td></tr><tr><td></td><td>11</td><td>5483337</td><td>1996-01-09</td><td>Barnard, et al.</td><td></td><td>356</td><td>316</td></tr><tr><td></td><td>12</td><td>4973159</td><td>1990-11-27</td><td>Sohma, et al.</td><td></td><td>356</td><td>328</td></tr><tr><td></td><td>13</td><td>4820048</td><td>1989-04-11</td><td>Barnard</td><td></td><td>356</td><td>328</td></tr><tr><td></td><td>14</td><td>4664477</td><td>1987-05-12</td><td>Andrieu, et al.</td><td></td><td>356</td><td>316</td></tr><tr><td></td><td>15</td><td>4575241</td><td>1986-03-11</td><td>Demers, et al.</td><td></td><td>356</td><td>316</td></tr><tr><td></td><td>16</td><td>6538734</td><td>2003-03-25</td><td>Powell</td><td>B2</td><td>356</td><td>316</td></tr></tbody></table></div>								init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass		1	6643014	2003-11-04	Chevalier, et al.	B2	356	316		2	6577390	2003-06-10	Efthimion	B1	356	316		3	6429935	2002-08-06	Duan	B1	356	316		4	6381014	2002-04-30	Platzer, et al.	B1	356	316		5	6594010	2003-07-15	Malczewski, et al.	B2	356	311		6	6043881	2000-03-08	Wegrzyn, et al.		356	316		7	5986747	1999-11-16	Moran		356	072		8	5654796	1997-08-05	Mundt		356	316		9	5596407	1997-01-21	Zander, et al.		356	328		10	5570179	1996-10-29	Weckstrom		356	311		11	5483337	1996-01-09	Barnard, et al.		356	316		12	4973159	1990-11-27	Sohma, et al.		356	328		13	4820048	1989-04-11	Barnard		356	328		14	4664477	1987-05-12	Andrieu, et al.		356	316		15	4575241	1986-03-11	Demers, et al.		356	316		16	6538734	2003-03-25	Powell	B2	356	316
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	17	5942855	1999-08-24	Hopwood		315	111.51
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## US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
	1	20020093652	2002-07-18	Powell	A1	356	316
	2	20030214651	2003-11-20	Hudak	A1	356	316
	3	20020071117	2002-06-13	Ukon, et al.	A1	356	316

## Signature

Examiner Name	Date